## EXAMINER'S AMENDEMENT

1.      . An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.


2.    Authorization for this examiner's amendment was given in a telephone interview

with Scoot A Lund (Reg. No. 41166) on 05 August 2009 and on 12 August 2009.


3. The claims had been amended as follows:


1.      (Currently Amended) A method for creating a best-match object at run time,

comprising the steps of:

        receiving a request for an object;

        polling object proxies for a confidence level representing the capability of each

    respective proxy to generate the requested object;

        selecting one of the proxies based on the polled confidence level; and

        directing the selected proxy to create the object,

        wherein the step of selecting one of the proxies comprises comparing and

determining which of a first confidence level associated with a first object proxy and a

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second confidence level associated with a second object proxy is more likely to produce

an object most responsive to a system need,

        wherein when a maximum confidence level is recognized, directing the object

proxy associated with the maximum confidence level to create the object, and

        wherein when a maximum confidence level is failed to be recognized, directing

the object proxy associated with a greatest confidence level to create the object.

2.      (Original) The method of claim 1, wherein the step of receiving a request for an

object comprises receiving indicia of a peripheral device.

3.      (Original) The method of claim 2, wherein indicia comprises a device identifier.

4.      (Original) The method of claim 1, wherein the step of selecting one of the proxies

comprises comparing each confidence level with a previously received confidence level.

5.      (Original) The method of claim 1, wherein the step of selecting one of the proxies

comprises storing an index associated with a proxy having a greater confidence level.

6.      (Original) The method of claim 1, wherein the step of directing the select one of

the proxies to create the object generates a peripheral device driver.

7.     (Original) The method of claim 1, further comprising the step of:

registering a new proxy capable of creating an object designated for use with a

new peripheral device.



8.     (Currently Amended) A system, comprising an object generator and a processor

operable to execute the object generator, the object generator including instructions that

when executed by the processor function as:

means for receiving indicia of an object to be created;

means for identifying a select one of a plurality of object proxies responsive to a

respective confidence level associated with each object proxy; and

means for directing the selected object proxy to create the object,

wherein the means for identifying a select one of a plurality of object proxies

comprises means for  comparing and determining which of a first confidence level

associated with a first object proxy and a second confidence level associated with a

second object proxy is more likely to produce an object most responsive to a system

need,

wherein when a maximum confidence level is recognized, means for directing the

object proxy associated with the maximum confidence level to create the object, and

wherein when a maximum confidence level is failed to be recognized, means for

directing the object proxy associated with a greatest confidence level to create the

object.

9.      (Previously Presented) The system of claim 8, wherein the means for receiving is

responsive to a user interface.

10.     (Previously Presented) The system of claim 8, wherein the means for receiving is

responsive to a communication from a device associated with the object.

11.     (Previously Presented) The system of claim 8, wherein the means for identifying

a select one of a plurality of object proxies comprises means for comparing each

respective confidence level with a previously received confidence level.

12.     (Previously Presented) The system of claim 8, wherein the means for identifying

a select one of a plurality of object proxies comprises means for comparing each

confidence level with a maximum confidence level.

13.     (Previously Presented) The system of claim 12, wherein the means for identifying

a select one of a plurality of object proxies identifies an object proxy that returns the

maximum confidence level as the selected object proxy.

14.     (Cancelled)

15.     (Currently Amended) The system of claim 20, further comprising:

        an interface associated with the object factory, the interface configured to receive

a request for the object.

16.     (Previously Presented) The system of claim 15, wherein the interface is

configured to communicate with a user interface.

17.     (Previously Presented) The system of claim 15, wherein the interface is

configured to communicate with a device that will interact with the object.

18.     (Previously Presented) The system of claim 15, wherein the interface is

configured to receive a device identifier.

19.     (Previously Presented) The system of claim 15, wherein the interface is

configured to receive a device identifier associated with a printer.

20.      (Currently Amended) A system, comprising an object generator and a processor

operable to execute the object generator, the object generator including instructions that

when executed by the processor function as:

      an object factory configured to poll object proxies capable of producing

respective objects responsive to system needs; and

      a pool including the object proxies for producing the object, the pool configured to

receive indicia of the object from the object factory and each of the plurality of object

proxies configured to return a respective confidence level responsive to the indicia,

      wherein the object factory comprises a comparator configured to determine

which of a first confidence level associated with a first object proxy and a second

confidence level associated with a second object proxy is more likely to produce an

object most responsive to the system need,

      wherein when the comparator recognizes a maximum confidence level, the

object factory is configured to direct the object proxy associated with the maximum

confidence level to create an object, and

      wherein when the comparator fails to recognize a maximum confidence level, the

object factory is configured to direct the object proxy associated with a greatest

confidence level to create an object.

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21-22.      (Cancelled)

| Deleted: claim 14 |

23.      (Currently Amended) The system of claim 20, further comprising:

an object store configured to receive an object generated by an object proxy.

24-30. (Cancelled)

31.     (Currently Amended) A system, comprising an object generator and a processor operable to execute the object generator, the object generator including instructions that when executed by the processor function as:

an object factory configured to receive a device identifier;

a pool having an interface configured to communicate with the object factory, the pool containing object proxies capable of producing respective objects; and

an object store coupled to the pool and configured to receive and retain objects generated by selected object proxies;

wherein the object factory is configured to poll a plurality of object proxies for a confidence level representing the capability of the respective object proxy to generate an object suited for operating with a device responsive to the device identifier,

wherein the object factory comprises a comparator configured to determine which of a first confidence level associated with a first object proxy and a second confidence level associated with a second object proxy is more likely to produce an object most responsive to the system need.

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wherein when the comparator recognizes a maximum confidence level, the object factory is configured to direct the object proxy associated with the maximum confidence level to create the object, and

wherein when the comparator fails to recognize a maximum confidence level, the object factory is configured to direct the object proxy associated with a greatest confidence level to create the object.

32.     (Cancelled)

33.     (Previously Presented) A method for creating a best-match object at run time, comprising the steps of:

loading a set of object proxies;

receiving indicia of a desired object for communicating with a peripheral device;

directing each of the object proxies to forward a confidence level representing the capability of each respective proxy to generate the desired object responsive to the indicia;

receiving a confidence level associated with an object proxy;

comparing the confidence level to a maximum confidence level, when the confidence level matches the maximum confidence level, directing the associated object proxy to generate an object, otherwise, recording the confidence level; and

determining if the confidence level exceeds the confidence level associated with

a previously recorded confidence level, when the confidence level exceeds a previously

recorded confidence level, recording an object proxy identifier, otherwise, determining if

there are additional object proxies in the set, when there are additional object proxies,

repeating the receiving a confidence level, comparing, and determining if the confidence

level exceeds steps, otherwise, using the object proxy identifier to direct the associated

object proxy to generate an object.

34.    (Previously Presented) A computer-readable medium storing instructions

executable by a processor, the instructions comprising:

logic configured to load a set of object proxies, each object proxy configured to

generate a respective object;

logic configured to receive indicia of a desired object for communicating with a

peripheral device;

logic configured to direct each of the object proxies to forward a confidence level

representing the capability of each respective proxy to generate the desired object;

logic configured to receive the confidence level from respective object proxies;

logic configured to compare the confidence level to a maximum confidence level,

when the confidence level matches the maximum confidence level, the associated

object proxy is directed to generate an object, otherwise, the logic records the

confidence level; and determines if the confidence level exceeds the confidence level

associated with a previously recorded confidence level, when the confidence level

exceeds a previously recorded confidence level, the logic records an object proxy

identifier, otherwise, the logic determines if there are additional object proxies in the set,

when there are additional object proxies, the logic receives a confidence level

associated with an object proxy that has not reported a confidence level, and repeats

the maximum confidence level and previously recorded confidence level comparisons,

otherwise, the logic uses the object proxy identifier to direct the associated object proxy

to generate an object.

35. (Currently Amended) A method for creating a best-match printer driver,

comprising the steps of:

receiving a request to use a printer;

polling printer driver proxies for a confidence level representing the capability of

each respective printer driver proxy to generate a driver that when applied to data and

forwarded to the printer will produce a useful representation of the data;

selecting one of the printer driver proxies based on the polled confidence level;

and

directing the selected printer driver proxy to generate the driver,

wherein the step of selecting one of the printer driver proxies comprises:

comparing the confidence level to a maximum confidence level, wherein when

the confidence level matches the maximum confidence level, directing the associated

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printer driver proxy to generate the driver, otherwise, recording the confidence level;
and

       determining if the confidence level exceeds the confidence level associated with
a previously recorded confidence level, wherein when the confidence level exceeds the
previously recorded confidence level, recording an identifier of the printer driver proxy,
otherwise, determining if there are additional printer driver proxies, wherein when there
are additional printer driver proxies, repeating the polling, comparing, and determining
steps, otherwise, using the identifier to direct the associated printer driver proxy to
generate the driver.


36.    (Original) The method of claim 35, wherein the step of receiving a request to use
a printer comprises receiving a device identifier.


37.    (Original) The method of claim 35, wherein the step of receiving a request to use
a printer comprises receiving indicia of a printer capability.


38.    (Original) The method of claim 35, wherein the step of selecting one of the printer
driver proxies comprises comparing each confidence level with a previously received
confidence level.

39.     (Original) The method of claim 35, wherein the step of selecting one of the printer

driver proxies comprises storing an index associated with a printer driver proxy having a

greater confidence level.



40.     (Currently Amended) A computer-readable medium storing instructions

executable by a processor, the instructions comprising:

    logic configured to receive a request to use a printer;

    logic configured to poll printer driver proxies for a confidence level representing

the capability of each respective printer driver proxy to generate a driver that when

applied to data and forwarded to the printer will produce a useful representation of the

data;

    logic configured to select one of the printer driver proxies based on the polled

confidence level; and

    logic configured to direct the selected printer driver proxy to generate the driver,

wherein the logic configured to select one of the printer driver proxies is

configured to:

    compare the confidence level to a maximum confidence level, wherein when the

confidence level matches the maximum confidence level, direct the associated printer

driver proxy to generate the driver, otherwise, record the confidence level; and

    determine if the confidence level exceeds the confidence level associated with a

previously recorded confidence level, wherein when the confidence level exceeds the

_previously recorded confidence level, record an identifier of the printer driver proxy,_

_otherwise, determine if there are additional printer driver proxies, wherein when there_

_are additional printer driver proxies, repeat the polling, comparing, and determining,_

_otherwise, use the identifier to direct the associated printer driver proxy to generate the_

_driver._

41.     (Original) The computer-readable medium of claim 40, wherein the logic

configured to receive a request to use a printer is configured to receive a device

identifier.

42.     (Original) The computer-readable medium of claim 40, wherein the logic

configured to receive a request to use a printer is configured to receive indicia of a

printer capability.

43.     (Original) The computer-readable medium of claim 40, wherein the logic

configured to select one of the printer driver proxies is configured to compare

confidence levels with a previously received confidence level.

44.     (Original) The computer-readable medium of claim 40, wherein the logic

configured to select one of the printer driver proxies is configured to store an index

associated with a printer driver proxy having a greater confidence level.

45-49. (Cancelled)

**Allowable Subject Matter**

4. Claims **1-13, 15-19, 20, 23, 31 and 33-44** are allowed.

5. The following is an examiner's statement of reasons for allowance:

The arts of record used as the basis for the previous rejection, Zehler (US

20040136027), Thomson (U.S 20040210661) do not expressly teach or render

obvious the invention as recited in independent **claims 1, 8, 20, 31, 33-35 and 40**.

a. As to **claim 20** , the art of record does not expressly teach wherein the object

factory comprises a comparator configured to determine which of a first confidence level

associated with a first object proxy and a second confidence level associated with a

second object proxy is more likely to produce an object most responsive to the system

need, wherein when the comparator recognizes a maximum confidence level, the object

factory is configured to direct the object proxy associated with the maximum confidence

level to create an object, and wherein when the comparator fails to recognize a

maximum confidence level, the object factory is  configured to direct the object proxy

associated with a greatest confidence level to create an object when taken in the

context of the claim, as a whole. More over, the art of record does not provide a basis of

evidence for asserting a motivation driven from the art or from one knowledgeable in the

art, that one of ordinary skill in the art at the time the invention was made would have

modified the system comprising an object generator to combine the disclosed limitations

as recited in the context of **Claim 20 .**


        b. As to **Claims 8 and 31,** being directed to a system having substantially the

same limitations as **Claim 20,** these claims are allowable for the same reasoning as

recited in **Claim 20** above**.**


        c. As to **Claims 1, 33 and 35,** being directed to a method having substantially the

same limitations as **Claim 20,** these claims are allowable for the same reasoning as

recited in **Claim 20** above**.**


        d. As to **Claims 34 and 40,** being directed to an computer readable storage

medium and computer program product having substantially the same limitations as

**Claim 20,** these claims  are allowable for the same reasoning as recited in **Claim 20**

above**.**

6.   Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee.  Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


7.  Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abdou Karim Seye whose telephone number is 571-270-1062.  The examiner can normally be reached on Monday - Friday 8:30 - 6.

   If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sough Hyung can be reached on (571)272-6799.  The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

   Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system.  Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Hyung S. Sough/                               /Abdou Karim Seye/
Supervisory Patent Examiner, Art Unit 2194     Examiner, Art Unit 2194
08/17/09